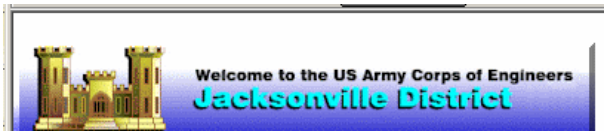

Identification_Information:
Citation:
Citation_Information:
Originator: U.S. Army Corps of Engineers, Jacksonville District(comp.)
Publication_Date: 20070108
Publication_Time: Unknown
Title: Tampa Hbr., East Bay and Port Sutton Channels, PCS
Edition: 07-076 FY07 Project Condition Survey
Geospatial_Data_Presentation_Form: map
Publication_Information:
Publication_Place: U.S Army Corps of Enginners Jacksonville District
Publisher: U.S. Army Corps of Engineers, Jacksonville District, Construction-Operations
Description:
Abstract:
Hydrographic Survey data was collected on 100 foot
station intervals. Elevations are in feet and tenths and
refer to Mean Lower Low Water (MLLW) which is 0.99 feet below NGVD 1929. All elevations are below the reference plane unless preceded by a (+) sign. Tidal reductions were made from a staff set on a wooden piling at the Boat Ramp, and referenced from a First Order Coast and Geodetic Bronze Survey Disc benchmark Stamped "Q 261 and dated 1966". Plane coordinates are based on the Transverse Mercator Projection for the West Zone of Florida and referenced to North American Datum of 1983 (NAD83). All azimuths are grid reckoned clockwise from South. All stationing refers to the Centerline of the channel. Survey was performed using Differential GPS for Positioning and utilizing the USCG Navbeacon System as the reference site. Vertical measurements were made using an Ross Smart Sounder Dual Frequency Depth Recorder with a 28khz (Low Frequency) transducer use for the East Bay Channels and a 200khz(Hight Frequency) use for the Port Sutton Channels. Aids to navigation were collected for this survey. Vessel WB-34 used for all Cuts. All survey conducted between 22-23 May 2007. Survey accuracy performance standards, quality control, and quality assurance requirements were followed during this survey in accordance with USACE EM 1110-2-1003, Hydrographic Surveying, 1 Jan 02.
Purpose: Project Condition Survey Fy07
Supplemental_Information: This data set consists of 1 cover sheet and 9 plan sheets at a scale of 1" = 100'.
Time_Period_of_Content:
Time_Period_Information:
Range_of_Dates/Times:
Beginning_Date: 20070522
Ending_Date: 20070523
Currentness_Reference: Ground Condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As needed

Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -082.442263
East_Bounding_Coordinate: -082.407541
North_Bounding_Coordinate: +27.935767
South_Bounding_Coordinate: +27.905394
Keywords:
Theme:
Theme_Keyword_Thesaurus: Tri - Service Spatial Data Standard
Theme_Keyword: Hydrography
Place:
Place_Keyword_Thesaurus: Geographic Names Information System
Place_Keyword: Florida
Place_Keyword: Hillsborough County
Place_Keyword: East Bay and Port Sutton Channels
Access_Constraints: None
Use_Constraints: The data represents the results of data collection/processing for a specific U.S. Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time, and accuracy specifications. The user is responsible for the results of any application of the data for other than its intended purpose.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: U.S. Army Corps of Engineer Jacksonville District, Construction-Operation Division
Contact_Person: Brain K. Brodehl
Contact_Position: Chief, Hydrographic Survey Section
Contact_Address:
Address_Type: mailing address
Address:
U. S. Army Corps of Engineers,
Jacksonville District CO-OH
701 San Marco Blvd
City: Jacksonville
State_or_Province: Florida
Postal_Code: 32207-8175
Country: USA
Contact_Voice_Telephone: 904-232-3600
Contact_Facsimile_Telephone: 904-232-3696
Contact_Electronic_Mail_Address: brian.k.brodehl@saj02.usace.army.mil
Hours_of_Service: Any Time
Data_Set_Credit:
U.S. Army Corps of Engineers, Jacksonville District, Construction-Operation Division, Operation Branch, Hydrographic Survey Section

Security_Information:
Security_Handling_Description: n/a
Security_Classification: Other
Security_Classification_System: n/a
Native_Data_Set_Environment:
Data collection and editing using Coastal Oceanagraphics Hypack Software and Mapped using Bently Microstation.
Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Point
Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Grid_Coordinate_System:
Grid_Coordinate_System_Name: State Plane Coordinate System 1983
State_Plane_Coordinate_System:
SPCS_Zone_Identifier: 0902
Transverse_Mercator:
Scale_Factor_at_Central_Meridian: 0.9999411765
Longitude_of_Central_Meridian: -082.000000
Latitude_of_Projection_Origin: +24.333333
False_Easting: 656166.67
False_Northing: 0
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.01
Ordinate_Resolution: 0.01
Planar_Distance_Units: Survey Feet
Geodetic_Model:
Horizontal_Datum_Name: North American Datum of 1983
Ellipsoid_Name: Geodetic Reference System 80
Semi-major_Axis: 6378137 m
Denominator_of_Flattening_Ratio: 298.25722
Vertical_Coordinate_System_Definition:
Altitude_System_Definition:
Altitude_Datum_Name: National Geodetic Vertical Datum of 1929
Altitude_Resolution: 0.0
Altitude_Distance_Units: Feet
Altitude_Encoding_Method: Explicit elevation coordinate included with horizontal coordinates
Depth_System_Definition:
Depth_Datum_Name: NGVD 1929 with Mean Lower Low Water Datum (-0.99') applied
Depth_Resolution: 0.1
Depth_Distance_Units: Feet
Depth_Encoding_Method: Explicit depth coordinate included with horizontal coordinates
Distribution_Information:
Distributor:
Contact_Information:

Contact_Organization_Primary:
Contact_Organization: U.S. Army Corps of Engineers
Jacksonville District, Construction-Operation Division
Contact_Person: Brian K. Brodehl
Contact_Position: Chief, Hydrographic Survey Section
Contact_Address:
Address_Type: mailing and physical address
Address:
U.S. Corps of Engineers,
Jacksonville District CO-OH
701 San Marco Blvd
City: Jacksonville
State_or_Province: Florida
Postal_Code: 32207-8175
Country: USA
Contact_Voice_Telephone: 904-232-3600
Contact_Facsimile_Telephone: 904-232-3696
Contact_Electronic_Mail_Address:
brian.k.brodehl@saj02.usace.army.mil
Hours_of_Service: Any Time
Contact_Instructions: n/a
Resource_Description: Survey 07-076
Distribution_Liability:
The data represents the results of data collection/processing for a specific U.S. Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time, and accuracy specifications. The user is responsible for the results of any application of the data for other than its intended purpose.
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Format_Name: DG File_Decompression_Technique: No compression applied
Digital_Transfer_Option:
Online_Option:
Computer_Contact_Information:
Network_Address:
Network_Resource_Name: www.saj.usace.army.mil/hydroSurvey/hydro.htm
Access_Instructions: www.saj.usace.army.mil/hydroSurvey/hydro.htm
Fees: N/A
Metadata_Reference_Information:
Metadata_Date: 20070618
Metadata_Review_Date: 20070618
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: U.S. Army Corps of Engineer
Jacksonville District, Construction-Operation Division
Contact_Person: Brian K. Brodehl

Contact_Position: Chief, Hydrographic Survey Section
Contact_Address:
Address_Type: mailing address
Address:
U.S. Army Corps of Engineers,
Jacksonville District CO-OH
701 San Marco Blvd
City: Jacksonville
State_or_Province: Florida
Postal_Code: 32207-8175
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Contact_Voice_Telephone: 904-232-3600
Contact_Facsimile_Telephone: 904-232-3696
Contact_Electronic_Mail_Address:
brian.k.brodehl@saj02.usace.army.mil
Hours_of_Service: Any Time
Contact_Instructions: n/a
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: Local time
Metadata_Access_Constraints: None
Metadata_Use_Constraints:
The data represents the results of data collection/processing for a specific U.S. Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time, and accuracy specifications. The user is responsible for the results of any application of the data for other than its intended purpose.
Metadata_Security_Information:
Metadata_Security_Handling_Description: n/a
Metadata_Security_Classification: Unclassified
Metadata_Security_Classification_System: n/a